

# Notice of Allowability

Application No.

09/741,950

Examiner

Ramnandan Singh

Applicant(s)

ISSAA ET AL.

Art Unit

2646

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Aiq. 09, 2005.
2. ☒ The allowed claim(s) is/are 1-37.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☒ Other \_\_\_\_\_

## 8. Examiner's Statement of Reasons for Allowance:

This invention relates to a method and circuit for enabling multiple protocol communication over a network. Claim 14 teaches the uniquely distinct feature of the circuit comprising: a multi-stage low-pass filter operable to communicate ISDN signals in a first frequency band supporting a first modulation technique and a second modulation technique and attenuate xDSL signals in a second frequency band wherein the low-pass filter has a load impedance in the first frequency band approximately between a first value associated with the first modulation technique and a second value associated with the second modulation technique. As such, claim 14 requires a filter having a load impedance in the first frequency band approximately between a first value associated with the first modulation technique and a second value associated with the second modulation technique. In this regard, Applicant's argument on page 15, lines 7-10 is persuasive. While the prior art, Elo [US 6,748,076 B1], Herschler et al [US 6,212,272 B1], Snow et al [US 6,418,221 B1], Bella [US 6,137,880], Anne et al [US 6,744,812 B2], and Sakoda et al [US 6,888,789 B1], each teach using multiple protocol communication over a network, Elo using ISDN protocol and xDSL protocol, Herschler et al using two modulation techniques, Snow et al using ISDN protocol and xDSL protocol, Bella using a multi-stage low-pass filter for POTS and ADSL signals, Anne et al using multiple modulation techniques, and Sakoda et al using multiple modulation techniques; none of them teach or suggest a filter having a load impedance in the first frequency band between a first value associated with the first modulation technique and a second value associated with the second modulation technique. As such, the prior art, either singularly or in combination, fail to anticipate or render the above limitation obvious. Therefore, claim 14 is allowable.

Claims 1, 24 and 30 are essentially similar to claim 14 and hence they are allowable.

Claims 2-13 being dependent from claim 1, claims 15-23 being dependent from claim 14, claims 25-29 being dependent from claim 24, and claims 31-37 being dependent from claim 30 are also allowable.

## 9. Other:

The claims have been re-numbered as follows:

CLAIMS NUMBER (ORIGINAL)	CLAIMS NUMBER (FINAL)
1-37	1-37

Claim no. 1 along with figure number 3 will be published in the Official Gazette.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Allowance".

  
**SINH TRAN**  
**SUPERVISORY PATENT EXAMINER**

